

RAW SEQUENCE LISTING
PATENT APPLICATION US/08/765,837DATE: 07/01/98
TIME: 16:16:26

INPUT SET: S27074.raw

This Raw Listing contains the General
Information Section and up to the first 5 pages.

ENTERED

1 SEQUENCE LISTING
2
3 (1) General Information
4
5 (i) APPLICANT: LAUB, RUTH
6 DI GIAMBATTISTA, MARIO
7
8 (ii) TITLE OF THE INVENTION: ANTIGENIC POLYPEPTIDE SEQUENCE
9 OF FACTOR VIII, AND FRAGMENTS AND/OR
10
11 (iii) NUMBER OF SEQUENCES: 20
12
13 (iv) CORRESPONDENCE ADDRESS:
14 (A) ADDRESSEE: Knobbe, Martens, Olson & Bear
15 (B) STREET: 620 Newport Center Drive 16th Floor
16 (C) CITY: Newport Beach
17 (D) STATE: CA
18 (E) COUNTRY: U.S.A.
19 (F) ZIP: 92660
20
21 (v) COMPUTER READABLE FORM:
22 (A) MEDIUM TYPE: Diskette
23 (B) COMPUTER: IBM Compatible
24 (C) OPERATING SYSTEM: DOS
25 (D) SOFTWARE: FastSEQ Version 1.5
26
27 (vi) CURRENT APPLICATION DATA:
28 (A) APPLICATION NUMBER:
29 (B) FILING DATE:
30 (C) CLASSIFICATION:
31
32 (vii) PRIOR APPLICATION DATA:
33 (A) APPLICATION NUMBER: PCT/BE95/00068
34 (B) FILING DATE: 14-JUL-1995
35
36 (viii) ATTORNEY/AGENT INFORMATION:
37 (A) NAME: Altman, Daniel E
38 (B) REGISTRATION NUMBER: 34,115
39 (C) REFERENCE/DOCKET NUMBER: VANMA48.001APC
40
41 (ix) TELECOMMUNICATION INFORMATION:
42 (A) TELEPHONE: 714-760-0404
43 (B) TELEFAX: 714-760-9502
44 (C) TELEX:
45
46

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47 (2) INFORMATION FOR SEQ ID NO:1:

48

49 (i) SEQUENCE CHARACTERISTICS:

50 (A) LENGTH: 13 amino acids

51 (B) TYPE: amino acid

52 (C) STRANDEDNESS: single

53 (D) TOPOLOGY: linear

54

55 (ii) MOLECULE TYPE: None

56 (v) FRAGMENT TYPE: internal

57

58 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:

59

60 Arg Thr Thr Leu Gln Ser Asp Gln Glu Glu Ile Asp Tyr

61 1

5

10

62

63 (2) INFORMATION FOR SEQ ID NO:2:

64

65 (i) SEQUENCE CHARACTERISTICS:

66 (A) LENGTH: 16 amino acids

67 (B) TYPE: amino acid

68 (C) STRANDEDNESS: single

69 (D) TOPOLOGY: linear

70

71 (ii) MOLECULE TYPE: None

72 (v) FRAGMENT TYPE: internal

73

74 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:

75

76 Asp Glu Asp Glu Asn Gln Ser Pro Arg Ser Phe Gln Lys Lys Thr Arg

77 1

5

10

15

78

79 (2) INFORMATION FOR SEQ ID NO:3:

80

81 (i) SEQUENCE CHARACTERISTICS:

82 (A) LENGTH: 10 amino acids

83 (B) TYPE: amino acid

84 (C) STRANDEDNESS: single

85 (D) TOPOLOGY: linear

86

87 (ii) MOLECULE TYPE: None

88 (v) FRAGMENT TYPE: internal

89

90 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:

91

92 Thr Asp Gly Ser Phe Thr Gln Pro Leu Tyr

93 1

5

10

94

95 (2) INFORMATION FOR SEQ ID NO:4:

96

97 (i) SEQUENCE CHARACTERISTICS:

98 (A) LENGTH: 9 amino acids

99 (B) TYPE: amino acid

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100 (C) STRANDEDNESS: single
101 (D) TOPOLOGY: linear
102
103 (ii) MOLECULE TYPE: None
104 (v) FRAGMENT TYPE: internal
105
106 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:
107
108 Asn Gln Ala Ser Arg Pro Tyr Ser Phe
109 1 5
110
111 (2) INFORMATION FOR SEQ ID NO:5:
112
113 (i) SEQUENCE CHARACTERISTICS:
114 (A) LENGTH: 16 amino acids
115 (B) TYPE: amino acid
116 (C) STRANDEDNESS: single
117 (D) TOPOLOGY: linear
118
119 (ii) MOLECULE TYPE: None
120 (v) FRAGMENT TYPE: internal
121
122 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:
123
124 Glu Asn Gln Arg Gln Gly Ala Glu Pro Arg Lys Asn Phe Val Lys Pro
125 1 5 10 15
126
127 (2) INFORMATION FOR SEQ ID NO:6:
128
129 (i) SEQUENCE CHARACTERISTICS:
130 (A) LENGTH: 9 amino acids
131 (B) TYPE: amino acid
132 (C) STRANDEDNESS: single
133 (D) TOPOLOGY: linear
134
135 (ii) MOLECULE TYPE: None
136 (v) FRAGMENT TYPE: internal
137
138 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:
139
140 Met Ala Pro Thr Lys Asp Glu Phe Asp
141 1 5
142
143 (2) INFORMATION FOR SEQ ID NO:7:
144
145 (i) SEQUENCE CHARACTERISTICS:
146 (A) LENGTH: 7 amino acids
147 (B) TYPE: amino acid
148 (C) STRANDEDNESS: single
149 (D) TOPOLOGY: linear
150
151 (ii) MOLECULE TYPE: None
152 (v) FRAGMENT TYPE: internal

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153
154 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:
155
156 Glu Thr Lys Ser Trp Tyr Phe
157 1 5
158
159 (2) INFORMATION FOR SEQ ID NO:8:
160
161 (i) SEQUENCE CHARACTERISTICS:
162 (A) LENGTH: 9 amino acids
163 (B) TYPE: amino acid
164 (C) STRANDEDNESS: single
165 (D) TOPOLOGY: linear
166
167 (ii) MOLECULE TYPE: None
168 (v) FRAGMENT TYPE: internal
169
170 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:8:
171
172 Glu Asn Met Glu Arg Asn Cys Arg Ala
173 1 5
174
175 (2) INFORMATION FOR SEQ ID NO:9:
176
177 (i) SEQUENCE CHARACTERISTICS:
178 (A) LENGTH: 9 amino acids
179 (B) TYPE: amino acid
180 (C) STRANDEDNESS: single
181 (D) TOPOLOGY: linear
182
183 (ii) MOLECULE TYPE: None
184 (v) FRAGMENT TYPE: internal
185
186 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:9:
187
188 Asp Pro Thr Phe Lys Glu Asn Tyr Arg
189 1 5
190
191 (2) INFORMATION FOR SEQ ID NO:10:
192
193 (i) SEQUENCE CHARACTERISTICS:
194 (A) LENGTH: 21 amino acids
195 (B) TYPE: amino acid
196 (C) STRANDEDNESS: single
197 (D) TOPOLOGY: linear
198
199 (ii) MOLECULE TYPE: None
200 (v) FRAGMENT TYPE: internal
201
202 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:10:
203
204 Ala Ser Glu Gly Ala Glu Tyr Asp Asp Gln Thr Ser Gln Arg Glu Lys
205 1 5 10 15

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206 Glu Asp Asp Lys Val
207 20
208209 (2) INFORMATION FOR SEQ ID NO:11:
210

211 (i) SEQUENCE CHARACTERISTICS:

212 (A) LENGTH: 12 amino acids

213 (B) TYPE: amino acid

214 (C) STRANDEDNESS: single

215 (D) TOPOLOGY: linear
216

217 (ii) MOLECULE TYPE: None

218 (v) FRAGMENT TYPE: internal
219220 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:11:
221222 Glu Gly Ser Leu Ala Lys Glu Lys Thr Gln Thr Leu
223 1 5 10
224225 (2) INFORMATION FOR SEQ ID NO:12:
226

227 (i) SEQUENCE CHARACTERISTICS:

228 (A) LENGTH: 16 amino acids

229 (B) TYPE: amino acid

230 (C) STRANDEDNESS: single

231 (D) TOPOLOGY: linear
232

233 (ii) MOLECULE TYPE: None

234 (v) FRAGMENT TYPE: internal
235236 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:12:
237238 Asp Glu Gly Lys Ser Trp His Ser Glu Thr Lys Asn Ser Leu Met Gln
239 1 5 10 15
240241 (2) INFORMATION FOR SEQ ID NO:13:
242

243 (i) SEQUENCE CHARACTERISTICS:

244 (A) LENGTH: 16 amino acids

245 (B) TYPE: amino acid

246 (C) STRANDEDNESS: single

247 (D) TOPOLOGY: linear
248

249 (ii) MOLECULE TYPE: None

250 (v) FRAGMENT TYPE: internal
251252 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:13:
253254 Asp Ser Cys Pro Glu Glu Pro Gln Leu Arg Met Lys Asn Asn Glu Glu
255 1 5 10 15
256257 (2) INFORMATION FOR SEQ ID NO:14:
258

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SEQUENCE VERIFICATION REPORT
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Line

Error

Original Text